

What is the Swiss battery technology center?

At the Swiss Battery Technology Center, we research the sustainability of electrification, operate Switzerland's largest battery test laboratory with Bern University of Applied Sciences BFH, and show how batteries can be taken apart and materials reused. We are committed to a high recycling rate of the entire battery.

Why should a company join the Swiss battery technology center?

Companies interested in creating better products for customers and the world will find a vital partner in the Swiss Battery Technology Center. The Center provides support throughout the product lifecycle and views itself as a long-term partner for the future evolution of the developed product.

Who is Swiss battery?

Our company SwissBattery.com develops battery products and materials for the electric automotive & aerospace market. Our target is top benchmarking. We focused at an early stage of the product development on energy use and cost. Our products are resilient in increasingly regulated and clean emerging markets.

What are Swiss battery engineers doing?

Swiss Battery engineers have secured multiple inventions that are substituting critical heavy-metals with tailor-made, renewable battery raw materials. Science is the basis of our discoveries and innovations.

What is Swiss battery used for?

The technology of Swiss Battery is suitable for a high-energy /high-power applications which can boost the range of electric airplanes. Electric aircraft are all sizes, from electric passenger airplane to all sizes of unmanned aerial vehicles (UAV) used for agricultural applications and defense.

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CSEM is creating smart storage technologies to tackle the main challenges of battery technologies: charging time, lifespan and range. Our focus on electrochemical batteries for short-term energy storage also includes the development of cells sensors and algorithms for optimal management up to MWh capacities.

Swiss Battery supplies Industries: Aviation, Aerospace, Transportation, Solar, Defense & Utility, ... We have a vast portfolio of products, services, and solutions for customers and clients in many industries. Each Industry is visualized by ...

In Switzerland, too, we have the skills to be at the forefront of battery development and innovation," explained

Andreas Hutter, Group Leader Energy Systems at CSEM. On a surface of 400 square meters, the BIH will ...

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26.04.2023 IVM Childsafe Certificate US 1700.20 ... informatics and logistics fields we have designed and created more than 900 customer-specific products and tailored battery solutions for the most different kinds of applications.

The Swiss Battery Technology Center (SBTC), one of SIP Biel/Bienne's four research centers, will be specifically involved in the collaboration with Blue Solutions. Alongside the Swiss Advanced Manufacturing Center, the Swiss HealthTech Center and the Swiss Smart Factory, it provides SIP Biel/Bienne with an organization that is unique in ...

We have demonstrated expertise and many years of experience in the field of electronics and battery development. Together with our partners in the medical, industrial, informatics and logistics fields we have designed and created more than 900 customer-specific products and tailored battery solutions for the most different kinds of applications.

Discover CSEM's breakthroughs in battery tech, offering smart storage solutions, sensor integration, and management for enhanced energy efficiency, and performance. ... Work on the swiss "Battery Passport" in full swing . With the EU's "passport obligation" for industrial batteries coming in 2027, Swiss market players must adapt. ...

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The SBTC develops solutions for the demanufacturing of battery packs and supports the planning of digital solutions to monitor the entire recycling process. Services: Electrical and mechanical battery system design ...

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Renata SA is a global leading manufacturer and supplier of primary and secondary micro-batteries and battery solutions. Company headquarters is located in Itingen near Basel, Switzerland. Our company is always just a moment ahead of its time. Even as long ago as the 1970s we specialized in coin cells.

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Switzerland battery solutions

with integration of thermal management for ...

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We offer process solutions for continuous electrode slurry production and wet grinding of active ...

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